

85" 75" 65" 55" 50"

Enhance your everyday viewing with the LG NANO 4K UHD AI NU70 Smart TV. Powered by the alpha 7 AI Processor 4K Gen9, it utilizes 4K Super Upscaling and Dynamic Tone Mapping to elevate standard content into sharp, near-4K clarity. It highlights HDR10 Pro to dynamically adjust brightness, revealing crisp details in both bright and dark scenes. Navigate seamlessly through LG Channels and your favorite apps using the award-winning webOS platform, heavily supported by LG ThinQ for smart, personalized AI recommendations.

- Available Sizes: 50", 55", 65", 75", 85"

LG NANO 4K UHD AI NU70 Smart TV

NANO DETAIL ENHANCER

Powered by LG's advanced alpha 7 AI Processor 4K Gen9, Nano Detail Enhancer brings extraordinary clarity to everything you watch. By intelligently analyzing each scene, it fine-tunes textures, sharpens edges, and enhances contrast.

BRILLIANT DETAIL IN EVERY SCENE

HDR10 Pro dynamically adjusts brightness, revealing crisp details and vivid color in both bright and dark scenes for a stunning, lifelike picture.

AI SUPER UPSCALING

AI Super Upscaling powered by the alpha 7 Processor upscales lower-resolution content--like HD or even SD--into stunning near-4K clarity.

AWARD-WINNING SMART TV PLATFORM

Search less and stream more. The award-winning webOS interface delivers a smarter, more personalized experience, utilizing LG ThinQ for highly curated personalized AI recommendations.

Technical Specifications

Picture (Display)	
Backlight Type	Direct
Display Resolution	4K Ultra HD (3,840 x 2,160)
Display Type	4K UHD
Perfect Black	No
Refresh Rate	60Hz Native
Wide Colour Gamut	No
Picture (Processing)	
4K Expression Enhancer	Yes
AI Brightness Control	No
AI Emotional Remastering	No
AI Genre Selection	No
AI Picture Pro	No
AI Upscaling	4K Super Upscaling
Auto Calibration	Yes
AV1 (Video Decoder)	4K@60p, 10bit
Dimming Technology	No
Dynamic Tone Mapping	Yes
FILMMAKER MODE(TM)	Yes
HDR (High Dynamic Range)	HDR10 / HLG
HDR Expression Enhancer	No
HEVC	4K@60p, 10bit
HFR (High Frame Rate)	No
Motion	No

Picture (Processing)(cont.)	
Number of CPUs	Quad
Picture Mode	9 modes
Picture Processor	alpha 7 AI Processor 4K Gen9
QFT (Quick Frame Transport)	No
QMS (Quick Media Switching)	No
VP9 (Video Decoder)	4K@60p, 10bit
Gaming	
ALLM (Auto Low Latency Mode)	Yes
Dolby Vision for Gaming (4K 120Hz)	No
FreeSync Compatible (AMD)	No
G-Sync Compatible (Nvidia)	No
Game Optimizer	Yes (Game Dashboard)
HGIG Mode	Yes
Response Time	No
VRR (Variable Refresh Rate)	Yes (Up to 60Hz)
Smart TV	
AI Agent	Ready (requires AI Magic Remote)
AI Chatbot	Yes
AI Concierge	Yes
AI Recommendation	Yes

Smart TV(cont.)	
Always Ready	No
Amazon Alexa	No
App Store	Yes (App)
Copilot	Yes
Full Web Browser	Yes
Game Service	No
Generative AI	No
Google Cast Built-in	No
Google Home / Hub	No
Hands-free Voice Control	No
Home	Yes
Home Hub	Yes (LG ThinQ)
Home Office	Yes
Intelligent Voice Recognition	Yes (with LG ThinQ app.)
LG Channels	Yes
LG ThinQ / Hub	No
Matter	No
Multi View	No
Music Service	Yes
Operating System (OS)	webOS 26
Other Iot / Hub	No
Smartphone Remote App	Yes (LG ThinQ)
Sports	Yes

*Product specifications are subject to change without notice. Visit www.lg.com/ca_en for the most current information.

Technical Specifications (cont.)

Smart TV(cont.)	
Tips	Yes
Usage Care	Yes
USB Camera Compatible	Yes
Voice ID	No
Works with Apple Airplay	Yes
Works with Apple Home	Yes
Works with Hey Google	Yes
Works with Naver Clova	No
Audio	
AI Acoustic Tuning	Ready (requires AI Magic Remote)
AI Sound	AI Sound Pro (Virtual 9.1.2 Up-mix)
Audio Codec	AC4, AC3(Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, apt-X (Refer to manual)
Audio Output	20W
Bluetooth Surround Ready	Yes (1 Way Playback)
Clear Voice Pro	Yes (Auto Volume Leveling)
Dolby Atmos	No
LE Audio / Auracast	No
LG Sound Sync	Yes
Simultaneous Audio Output	Yes
Sound Mode Share	Yes
Speaker Direction	Down Firing
Speaker System	2.0 channel
WiSA Ready	No
Woofer / per Channel Output	10W per Channel
WOW Orchestra	Yes
WOWCAST	No
Broadcasting	

Broadcasting(cont.)	
[ATSC] Closed Caption	Yes
[DVB] Subtitle	No
AD (Audio Description)	Yes
Analog TV Reception	Yes
CI + (Common Interface)	No
Data Broadcasting (Country Spec)	No
Digital TV Reception	ATSC1.0 (Terrestrial), QAM (Cable)
EPG (8days)	Yes
Multi Tuner	No
Teletext (Top/Flof/List)	No
Teletext Page	No
Connectivity	
Bluetooth Support	Yes (v 5.3)
CI Slot	No
Ethernet Input	1ea
HDMI Audio Return Channel	eARC (HDMI 2)
HDMI Input	2ea (supports eARC, ALLM)
Headphone output	No
IR Blaster	No
Line out	No
RF Input (Antenna/Cable)	1ea
RS-232C Input (Min Jack)	No
Simplink (HDMI CEC)	Yes
SPDIF (Optical Digital Audio Out)	No
USB Input	1ea (v 2.0)
Wi-Fi	Yes (Wi-Fi 5)
Accessibility	

Accessibility(cont.)	
Gray Scale	Yes
High Contrast	Yes
Invert Colours	Yes
Power	
Energy saving Mode	Yes
Energy Standard	Yes
ENERGY STAR(R) Qualified	No
Illuminance Green sensor	No
Power Supply (Voltage, Hz)	AC 120V, 50/60Hz
Standby Power Consumption	Under 0.5W
Accessories Included	
Component / AV Gender	No
IR Blaster Cable	No
Power Cable	Yes (Detachable)
Remote	Standard Remote
Remote Control Batteries	Yes (AAA x 2EA)
Additional Feature	
Content Partners	No
Digital Recording	No
IP Control	No
OSD Language	4 language (webOS) (/English/Espanol/Francis)
Time Machine (DVR)	No
Time Shift	No
Watch & Record	No

Dimensions (W x H x D), Weights and Power

Size	Packaging WxHxD	w/ Stand WxHxD	w/o Stand WxHxD	Stand WxD	Pkg Wt lbs	w/ Stand lbs	w/o Stand lbs	VESA mm	Typical Power W	Yearly Energy kWh
85"	81.9 x 47.8 x 6.7	74.4 x 45.2 x 14.3	74.4 x 42.8 x 2.9	61.6 x 14.3	87.3	66.8	65.3	400 x 400	210	386
75"	71.7 x 42.7 x 6.4	65.7 x 40.4 x 14.2	65.7 x 37.9 x 2.8	51.1 x 14.2	66.4	49.6	48.7	300 x 300	180	331
65"	62.2 x 37.4 x 5.6	57 x 35.5 x 10.6	57 x 33 x 2.8	46.7 x 10.6	44.1	31.1	30.6	300 x 200	140	258
55"	53.4 x 31.7 x 4.7	48.3 x 30.6 x 9.1	48.3 x 28.1 x 2.8	38.9 x 9.1	27.8	21.2	20.9	300 x 200	105	194
50"	47.8 x 29.5 x 4.5	43.8 x 28 x 9.1	43.8 x 25.6 x 2.8	35.5 x 9.1	23.1	18.3	18.1	300 x 200	98	182

More views






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